

Greetings Subscribers – Here is Issue 207:

Feel free to pass this newsletter on to colleagues that may be interested. If anyone you know would like to sign up to receive these funding newsletters, follow the subscription instructions at the bottom of the email message this document was attached to, or send a subscription request to laurie.e.brown@comcast.net.

If you stop receiving these newsletters every ~ 4 weeks, your email system/server may be blocking delivery, assuming it's spam. Let me know - I can always sign you up w/ a different email address.

If you would like to announce an RFP in one of these newsletters, forward a summary to me at the email address listed above.

A huge thanks to the Washington State University Extension Energy Program for distributing these newsletters through their listserv. WSU has provided this service to funding newsletter subscribers for over 12 years.

There are 30 funding notices included in this issue.

1) Sustainable Communities Research Grants

The U.S. Department of Housing and Urban Development request proposals for the Transformation Initiative: Sustainable Communities Research Grant Program. Through this RFP, HUD is primarily interested in sponsoring cutting edge research in affordable housing development and preservation; transportation-related issues; economic development and job creation; land use planning and urban design; green and sustainable energy practices; and a range of issues related to sustainability. Up to \$1.5 million expected to be available, individual awards NTE \$500K. Pre-applications are required and are due 2/4/11 (note: I could not determine final proposal deadline). For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=61813>. Refer to Sol# FR-5415-N-24. (Grants.gov 1/3/11)

2) Source Reduction

The U.S. Environmental Protection Agency Regions (w/ the exception of Region 6) request proposals for the Source Reduction Assistance Grant Program, for projects that support pollution prevention and source reduction. Priority areas vary by Region. Examples include: Developing/implementing green curricula; funding interns to conduct P2/source reduction projects; eliminating toxics by using more benign substitutes in schools, hospitals, or elsewhere; sustainable manufacturing; green chemistry; green economy/green jobs; and environmental justice. \$1.17 million expected to be available, 20 awards anticipated. Responses due 2/24/11. For more info, including Regional priorities, go to: <http://www.epa.gov/p2/pubs/grants/>. Refer to Sol# EPA-HQ-OPPT-2011-03. (Grants.gov 12/25/10)

3) Public Works, Economic Adjustment, and Global Climate Change Mitigation

The U.S. Department of Commerce, Economic Development Administration, requests proposals for Public Works, Economic Adjustment, and the Global Climate Change Mitigation Incentive Fund. These EDA programs are designed to provide distressed communities and regions with comprehensive and flexible solutions to a wide variety of economic impacts. Respondents are encouraged to consider the energy and environmental implications of their activities. Responses due 3/10/11. For more info,

including Regional contacts, go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=58457>. Refer to Sol# EDA10142010EDAP. (Grants.gov 11/29/10)

4) Greenhouse Gas Conservation Innovation Grants

The U.S. Department of Agriculture requests proposals for Greenhouse Gas Conservation Innovation Grants. Through this RFP, the USDA seeks to stimulate the application of GHG benefitting practices on agricultural land. Targeted projects would secure the participation of agricultural producers, determine baseline values of greenhouse gas emissions and/or carbon sequestration, verify the implementation and maintenance of GHG benefitting practices, and determine GHG benefits so that these benefits can be successfully registered in a commonly recognized carbon registry. \$5 million expected to be available, up to 60 awards anticipated. Responses due 2/11/11. For more info, contact Gregorio Cruz at gregorio.cruz@wdc.usda.gov or go to: <http://www.nrcs.usda.gov/technical/cig/>. Refer to Sol# USDA-NRCS-NHQ-11-02. (Grants.gov 12/10/10)

5) Vehicle Technologies

The U.S. Department of Energy requests proposals for the FY 2011 Vehicle Technologies (VT) Program Wide Funding Opportunity Announcement. The VT program seeks to develop more energy-efficient and environmentally friendly technologies for highway transportation vehicles that will meet or exceed performance expectations and environmental requirements, and enable America to use significantly less petroleum and reduce GHG emissions. Areas of interest include, but are not limited to: Advanced Fuels and Lubricants Technologies; Lightweighting Materials; Advanced Cells and Design Technology for Electric Drive Batteries; Advanced Power Electronics and Electric Motors Technologies; and Fleet Efficiency. \$184 million expected to be available, up to 47 awards anticipated. Letters of Intent are requested but not required and are due 1/18/11. Final proposals due 2/28/11. For more info, contact Jeffrey Kooser at jeffrey.kooser@netl.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000239&agency=DOE>. Refer to Sol# DE-FOA-0000239. (Grants.gov 12/16/10)

6) Fuel Cell and Hydrogen Storage System Cost Analyses

The U.S. Department of Energy requests proposals for Fuel Cell and Hydrogen Storage System Cost Analyses. Through this RFP, DOE seeks to fund fuel cell system analyses for transportation and stationary applications. Areas of interest include: Transportation Fuel Cell System Cost Assessment; Stationary and Emerging Market Fuel Cell System Cost Assessment; and Hydrogen Storage Systems Cost Assessment. \$9 million expected to be available, up to 6 awards anticipated. Responses due 2/18/11. For more info, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000420&agency=DOE>. Refer to Sol# DE-FOA-0000420. (Grants.gov 12/22/10)

7) Fuel Cells for Stationary and Transportation Applications

The U.S. Department of Energy requests proposals R&D of Fuel Cells for Stationary and Transportation Applications. Areas of interest include: Balance-of-Plant Components; Fuel Processors; High Temperature Stack Component Research; Proton Exchange Membrane Fuel Cell Membrane Electrode Assembly Integ\$65 million expected to be available, up to 35 awards anticipated. Letters of Intent are required, and are due 1/21/11. Final proposals due 3/3/11. For more info, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000360&agency=DOE>. Refer to Sol# DE-FOA-0000360. (Grants.gov 12/22/10)

8) Transportation Policies, GHGs, Land Use, and the Economy

The U.S. Environmental Protection Agency requests proposals for Integrated Assessment of Transportation-Related Policies on Greenhouse Gases, Land Use Change, and Other Economy-Wide Impacts. Through this RFP, EPA seeks project that advance comprehensive, integrated modeling and assessment of multiple GHGs and air pollutants; to further the public's understanding of the interaction of the economic, energy, and environmental impacts of increased renewable fuel usage in the U.S. transportation sector using a robust modeling framework. \$500K expected to be available, 1 award anticipated. Responses due 2/17/11. For more info, contact Sharyn Lie at lie.sharyn@epa.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=61714>. Refer to Sol# EPA-OAR-OTAQ-11-06. (Grants.gov 1/3/11)

9) Biomass Sugars

The U.S. Department of Energy requests proposals for Integrated Process Improvements for Biochemical Conversion of Biomass Sugars: From Pretreatment to Substitutes for Petroleum-based Feedstocks, Products and Fuels. Through this RFP, DOE seeks projects to develop and demonstrate integrated bench scale technology and/or process improvements, from pretreatment to substitutes for petroleum-based feedstocks, products and fuels, that better the economics and efficiency of biochemical conversion process. \$30 million expected to be available, up to 7 awards anticipated. Letters of Intent are requested but not required and are due 1/17/11, final proposals due 2/7/11. For more info, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000337&agency=DOE>. Refer to Sol# DE-FOA-0000337. (Grants.gov 12/13/10)

10) Woody Biomass Utilization

The U.S. Forest Service requests proposals for the 2011 Woody Biomass Utilization Grant Program. Proposed projects should use woody biomass material removed from forest restoration activities in a bioenergy facility that uses commercially proven technologies to produce thermal, electrical or liquid/gaseous bioenergy. \$3.7 million expected to be available, up to 15 awards anticipated. Responses due 3/1/11. For more info, contact Susan LeVan-Green at slevan@fs.fed.us or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=58881>. Refer to Sol# USDA-FS-TMU-2011. (Grants.gov 12/8/10)

11) Validation of Energy Performance

The U.S. Department of Energy requests proposals for Superior Energy Performance Program Administrator Technical Assistance. This RFP will fund an administrator and technical assistance provider for a new American National Standards Institute (ANSI) accredited Superior Energy Performance (SEP) Certification program. SEP is a planned certification program that will provide third party verification of continual improvement in energy efficiency at industrial and commercial facilities. Once launched, the program will provide a transparent, globally accepted system for validating energy intensity performance improvement and management practices. Up to \$5 million expected to be available, 1 award anticipated. Responses due 3/10/11. For more info, contact David Harris at david.harris@go.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000435&agency=DOE>. Refer to Sol# DE-FOA-0000435. (Grants.gov 12/13/10)

12) Concentrating Solar Technologies

The U.S. Department of Energy announces its intent to request proposals for a Demonstration Project for Concentrating Solar Technologies. The objective of this RFP will be to enable advanced technologies to bridge the gap between R&D and commercial deployment. Up to \$50 million expected to be available, up to 4 awards anticipated. DOE anticipates issuing this funding announcement mid-January to mid-

February 2011. For more info, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000233&agency=DOE>. Refer to Sol# DE-FOA-0000233. (Grants.gov 12/16/10)

13) Sustainable Expeditionary Power

The Office of Naval Research requests proposals describing the science & technology development necessary to enable future expeditionary deployment of renewable-based 3 kW power systems. White Papers due 1/28/11, final proposals due 4/1/11. For more info, contact Joseph Pletscher at

joseph_pletscher@onr.navy.mil or go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=1c5327e0e4260069a1497eddd052836f&tab=core&_cview=0. Refer to Sol# ONRBAA11-002. (FBO 12/17/10)

14) Regenerative Fuel Cell

The Naval Air Warfare Center, Weapons Division, China Lake, CA, seeks quotes for one regenerative fuel cell capable of generating hydrogen at 2000 psi without the use of a mechanical compressor and that is suitable for field deployment. Responses due 1/14/11. For more info, contact John Faria at

John.faria@navy.mil or go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=06fbca7c14430c2799e793ee6363211c&tab=core&_cview=0. Refer to Sol# N6893611R0010. (FBO 12/10/10)

15) Biosensing

The National Science Foundation requests proposals for Biosensing. This program supports innovative, transformative, and insightful investigations of fundamental problems with broad long term impact and applications that require novel use of bio-inspired engineering principles and sophisticated devices to meet the engineering and technology needs of the nation. Responses due 3/3/11. For more info, contact Alex Simonian at asimonian@nsf.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=58936>. Refer to Sol# PD-11-7909. (Grants.gov 11/30/10)

16) Energy for Sustainability

The National Science Foundation requests proposals for Energy for Sustainability. This program supports fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable. Sources of sustainable energy include: Sunlight, Wind/Wave, Biomass, and Geothermal. Responses due 3/3/11. For more info, contact Gregory Rorrer at grorrer@nsf.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=58929>. Refer to Sol# PD-11-7644. (Grants.gov 11/30/10)

17) Biotechnology, Biochemical, and Biomass Engineering

The National Science Foundation requests proposals for Biotechnology, Biochemical, and Biomass Engineering. This program addresses fundamental problems involved in the processing and manufacturing of products of economic importance by effectively utilizing renewable resources of biological origin and bioinformatics originating from genomic and proteomic information. Responses due 3/3/11. For more info, contact Theresa Good at tgood@nsf.gov or go to:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501024. Refer to Sol# PD-11-1491. (Grants.gov 11/30/10)

18) Environmental Engineering

The National Science Foundation requests proposals for Environmental Engineering. The goal of this program is to encourage transformative research which applies scientific principles to minimize solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human

activity, and to evaluate adverse impacts of these discharges on human health and environmental quality. Responses due 3/3/11. For more info, contact Paul Bishop at pbishop@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029. Refer to Sol# PD-11-1440. (Grants.gov 12/3/10)

19) Environmental Sustainability

The National Science Foundation requests proposals for Environmental Sustainability. This program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are also compatible with sustaining natural systems. Research in Environmental Sustainability typically considers long time horizons and may incorporate contributions from the social sciences and ethics. Responses due 3/3/11. For more info, contact Bruce Hamilton at bhamilto@nsf.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=59009>. Refer to Sol# PD 11-7643. (Grants.gov 12/3/10)

20) Feasibility Studies for Water Reclamation and Reuse

The U.S. Department of the Interior, Bureau of Reclamation, Denver Office, requests proposals for WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program. Through this RFP, funding will be made available to assist project sponsors with the development of new Title XVI feasibility studies to reclaim and reuse wastewaters and naturally impaired ground and surface water in the 17 Western States and Hawaii. \$1.2 million expected to be available, up to 10 awards anticipated. Responses due 2/11/11. For more info, contact Michelle Maher at mmaher@usbr.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=59296>. Refer to Sol# R11SF80310. (Grants.gov 12/13/10)

21) WaterSMART – Western U.S.

The U.S. Department of the Interior, Bureau of Reclamation, Denver Office, requests proposals for WaterSMART: Water and Energy Efficiency Grants. Through this RFP, the Bureau seeks West U.S. projects that save water, improve energy efficiency, address endangered species and other environmental issues, and facilitate transfers to new uses. Individual awards NTE \$1 million. Responses due 2/17/11. For more info, contact Michelle Maher at mmaher@usbr.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=59091>. Refer to Sol# R11SF80303. (Grants.gov 12/13/10)

22) Smart Grid Feasibility Study - India

The U.S. Trade and Development Agency requests proposals from U.S. firms to develop a feasibility study for the Bangalore Electricity Supply Company Limited to support the implementation of smart grid technologies across their network serving a large portion of the Karnataka state territory. Responses due 2/4/11. For more info, contact Nina Patel at npatel@ustda.gov or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=e3e218d40446cbb94f825cacb28c63b1&tab=core&_cview=0. Refer to Sol# 2011-31003A. (FBO12/31/10)

23) PV System - Italy

The U.S. Navy announces its intent to request proposals for the purchase, installation, etc. of a Photovoltaic System to be located at Camp Ederle, Vicenza, Italy. The RFP will be posted on or about 1/10/11, proposals expected to be due on 2/18/11. For more info, contact Maria Judy Jensen at maria.jensen@eu.navy.mil or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=de41d3b71867eddd54a520829449ed5e&tab=core&_cview=0. Refer to Sol# 3319111R0403. (FBO 12/18/10)

24) Electric Energy Innovations - California

The California Energy Commission requests proposals for the Energy Innovations Small Grant Program – Electricity Program. EISG funds the early development of innovative energy RD&D projects. Projects must target one of the following: Industrial/Agriculture/Water End-Use Efficiency; Building End-Use Efficiency; Environmentally Preferred Advanced Generation; Renewable Generation; Energy-Related Environmental Research; and Energy Systems Integration. Proposed projects must be clearly relevant to California's electric market. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 2/1/11. For more info, contact eisg@projects.sdsu.edu or go to: http://www.energy.ca.gov/contracts/smallgrant/10-03_electricity/index.html. Refer to Sol# 10-03.

25) Natural Gas Energy Innovations - California

The California Energy Commission requests proposals for the Energy Innovations Small Grant Program – Natural Gas Program. EISG funds the early development of innovative energy RD&D projects. Projects must target one of the following: Natural gas energy efficiency; natural gas environmental impacts; renewable energy technologies; strategic analysis; advanced generation concepts; and transportation. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 2/1/11. For more info, contact eisg@projects.sdsu.edu or go to: http://www.energy.ca.gov/contracts/smallgrant/10-03G_naturalgas/index.html. Refer to Sol# 10-03G.

26) Transportation (Electric) Innovations - California

The California Energy Commission The California Energy Commission requests proposals for Energy Innovations Small Grant Program – Transportation Program (Electric). This program supports projects that determine the feasibility of energy R&D in transportation subject areas including but not limited to: Standard vehicle battery pack design; battery system costs; vehicle charging infrastructure; consumer behavior; and efficient accessories. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 2/1/11. For more info, go to: http://www.energy.ca.gov/contracts/smallgrant/10-03T_electricity/index.html. Refer to Sol# 10-03T (Electricity).

27) Transportation (Natural Gas) Innovations - California

The California Energy Commission requests proposals for Energy Innovations Small Grant Program – Transportation Program (Natural Gas). This program supports R&D, demonstration, and deployment of advanced fuel-efficient natural gas powered transportation technologies and fuel switching strategies that are cost-effective and will reduce petroleum fuel use. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 2/1/11. For more info, go to: http://www.energy.ca.gov/contracts/smallgrant/10-02T_naturalgas/index.html. Refer to Sol# 10-02T (Natural Gas).

28) Renewables - Louisiana

Entergy Services, Inc. seeks long-term proposals for up to 233 MW of eligible renewable energy resources. Resources must be a minimum of 2 MW at the delivery point and available by 2014. Bidder registration due 1/13/11. For more info, contact April Phelps at esirenewable@entergy.com or go to: <https://emo-web.no.entergy.com/ENTRFP/Renewable/RFPDocs/RFPDocs.html>. (Green Power Network 12/17/10)

29) PV System Design/Install - Utah

The University of Utah seeks qualified parties to finance, design, install, construct, operate and maintain approximately 340 kW of photovoltaic systems on campus facilities by means of a PPA, lease or other legal contractual arrangement. Bids due 1/18/11. For more info, contact Angel Moreno at

angel.moreno@fm.utah.edu or go to: <https://www.bidsync.com/DPX?ac=view&auc=1619749>. Refer to Sol# 21070. (Green Power Network 12/17/10)

30) Renewables - Michigan

Detroit Edison seeks approx. 120 MW of renewables in 2012 and approx. 125 MW of renewables in 2014. Notice of Intent to Bid due 1/21/11. For more info, contact: RenewSuppliers@dteenergy.com or go to: <http://www.dteenergy.com/dteEnergyCompany/environment/renewableEnergy/suppliers.html>. (Green Power Network 12/3/10)